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**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 03 79 6535

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	FRIEDRICH THOMAS ET AL: "Proteorhodopsin is a light-driven proton pump with variable vectoriality" JOURNAL OF MOLECULAR BIOLOGY, vol. 321, no. 5, 30 August 2002 (2002-08-30), pages 821-838, XP002400691 ISSN: 0022-2836 * page 821 - page 838 *	1-31	INV. G11B7/24 G11B20/10 G11C13/04
A	KREBS RICHARD A ET AL: "Detection of fast light-activated H ⁺ release and M intermediate formation from proteorhodopsin" BMC PHYSIOLOGY, BIOMED CENTRAL LTD., LONDON, GB, vol. 2, no. 1, 9 April 2002 (2002-04-09), pages 5-12, XP021006088 ISSN: 1472-6793 * page 5 - page 12 *	1-31	
A	HAMPP N: "BACTERIORHODOPSIN AS A PHOTOCROMIC RETINAL PROTEIN FOR OPTICAL MEMORIES" CHEMICAL REVIEWS, ACS, WASHINGTON, DC, US, vol. 100, no. 5, 2000, pages 1755-1776, XP000929839 ISSN: 0009-2665 * page 1755 - page 1776 *	1-31	TECHNICAL FIELDS SEARCHED (IPC) G11B G11C
A	OESTERHELT, D. ET AL: "Bacteriorhodopsin: a biological material for information processing." QUARTERLY REVIEWS OF BIOPHYSICS, CAMBRIDGE UNIVERSITY PRESS, LONDON, GB, vol. 24, no. 4, November 1991 (1991-11), pages 425-478, XP002119796 ISSN: 0033-5835 * page 425 - page 478 *	1-32	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 27 September 2006	Examiner Tudor, Mark
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			